PLANAR LIGHT SOURCE UNIT

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Inventor(s): TANABE TSUNEHIKO +
Applicant(s): SHARP KK +
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Abstract of **JP 2006031941 (A)**

PROBLEM TO BE SOLVED: To provide a planar light source unit in which uniform emission of light is realized on an emitting surface without making the size larger than the size of a liquid crystal panel as much as possible. ; SOLUTION: The planar light source unit 10 comprises a light guide body 1, a cylindrical lens 7, a plurality of white LEDs 4, a reflecting mirror 8, and a light diffusion member 11. The light guide body 1 is of plate shape and has an emitting surface 29 for emitting light. The cylindrical lens 7 is arranged at one end face 27 extending in a direction crossing the emitting surface 29 in the light guide body 1 and condenses light in the direction crossing the emitting surface 29 of the light guide body 1 (for example, in thickness direction of the light guide body). The white LED 4 is arranged as as to face one end face 27 of the light guide body 1 through the cylindrical lens 7. The reflecting mirror 8 is arranged so as to face the other end face 28 located on the opposite side to the one end face 27 in the light guide body 1. The light diffusion member 11 is arranged at the rear face side located on the opposite side to the emitting surface 29 in the light guide body 1. ; COPYRIGHT: (C)2006,JPO&NCIPI